

Anna Pastore

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2869485/anna-pastore-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94
papers

4,578
citations

34
h-index

66
g-index

98
ext. papers

5,051
ext. citations

4.8
avg, IF

4.93
L-index

#	Paper	IF	Citations
94	Analysis of glutathione: implication in redox and detoxification. <i>Clinica Chimica Acta</i> , 2003 , 333, 19-39	6.2	809
93	COQ2 nephropathy: a newly described inherited mitochondriopathy with primary renal involvement. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 2773-80	12.7	265
92	Fully automated assay for total homocysteine, cysteine, cysteinylglycine, glutathione, cysteamine, and 2-mercaptopyrionylglycine in plasma and urine. <i>Clinical Chemistry</i> , 1998 , 44, 825-832	5.5	222
91	Extracorporeal dialysis in neonatal hyperammonemia: modalities and prognostic indicators. <i>Pediatric Nephrology</i> , 2001 , 16, 862-7	3.2	152
90	Determination of Blood Total, Reduced, and Oxidized Glutathione in Pediatric Subjects. <i>Clinical Chemistry</i> , 2001 , 47, 1467-1469	5.5	142
89	EPI-743 reverses the progression of the pediatric mitochondrial disease--genetically defined Leigh Syndrome. <i>Molecular Genetics and Metabolism</i> , 2012 , 107, 383-8	3.7	138
88	Glutathione in blood of patients with Friedreich's ataxia. <i>European Journal of Clinical Investigation</i> , 2001 , 31, 1007-11	4.6	138
87	Colorimetric and fluorometric assays of glutathione transferase based on 7-chloro-4-nitrobenzo-2-oxa-1,3-diazole. <i>Analytical Biochemistry</i> , 1994 , 218, 463-5	3.1	137
86	S-Glutathionylation signaling in cell biology: progress and prospects. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 46, 279-92	5.1	129
85	Actin glutathionylation increases in fibroblasts of patients with Friedreich's ataxia: a potential role in the pathogenesis of the disease. <i>Journal of Biological Chemistry</i> , 2003 , 278, 42588-95	5.4	125
84	Nitrosylation of human glutathione transferase P1-1 with dinitrosyl diglutathionyl iron complex in vitro and in vivo. <i>Journal of Biological Chemistry</i> , 2005 , 280, 42172-80	5.4	102
83	Targeting oxidative stress improves disease outcomes in a rat model of acquired epilepsy. <i>Brain</i> , 2017 , 140, 1885-1899	11.2	86
82	Site-directed mutagenesis of human glutathione transferase P1-1. Mutation of Cys-47 induces a positive cooperativity in glutathione transferase P1-1. <i>Journal of Biological Chemistry</i> , 1995 , 270, 1243-8	5.4	81
81	Targeting oxidative stress improves disease outcomes in a rat model of acquired epilepsy. <i>Brain</i> , 2019 , 142, e39	11.2	72
80	A novel disorder involving dyshematopoiesis, inflammation, and HLH due to aberrant CDC42 function. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2778-2799	16.6	71
79	Treatment of doxorubicin-resistant MCF7/Dx cells with nitric oxide causes histone glutathionylation and reversal of drug resistance. <i>Biochemical Journal</i> , 2011 , 440, 175-83	3.8	69
78	Protein glutathionylation in cardiovascular diseases. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 20845-76	6.3	63

77	Activation of the transcription factor EB rescues lysosomal abnormalities in cystinotic kidney cells. <i>Kidney International</i> , 2016 , 89, 862-73	9.9	62
76	Glutathione metabolism and antioxidant enzymes in patients affected by nonalcoholic steatohepatitis. <i>Clinica Chimica Acta</i> , 2005 , 355, 105-11	6.2	61
75	Plasma levels of homocysteine and cysteine increased in pediatric NAFLD and strongly correlated with severity of liver damage. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 21202-14	6.3	59
74	A new simple and rapid LC-ESI-MS/MS method for quantification of plasma oxysterols as dimethylaminobutyrate esters. Its successful use for the diagnosis of Niemann-Pick type C disease. <i>Clinica Chimica Acta</i> , 2014 , 437, 93-100	6.2	55
73	Antioxidant enzymes in blood of patients with Friedreich's ataxia. <i>Archives of Disease in Childhood</i> , 2002 , 86, 376-9	2.2	55
72	Long-term outcome of nephropathic cystinosis: a 20-year single-center experience. <i>Pediatric Nephrology</i> , 2010 , 25, 2459-67	3.2	51
71	Protein glutathionylation in human central nervous system: potential role in redox regulation of neuronal defense against free radicals. <i>Journal of Neuroscience Research</i> , 2006 , 83, 256-63	4.4	48
70	Common mutation in methylenetetrahydrofolate reductase. Correlation with homocysteine and other risk factors for vascular disease. <i>Atherosclerosis</i> , 1998 , 139, 377-83	3.1	47
69	Glutathione metabolism and antioxidant enzymes in children with Down syndrome. <i>Journal of Pediatrics</i> , 2003 , 142, 583-5	3.6	46
68	Nrf2-Inducers Counteract Neurodegeneration in Frataxin-Silenced Motor Neurons: Disclosing New Therapeutic Targets for Friedreich's Ataxia. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	42
67	Impaired activity of the gamma-glutamyl cycle in nephropathic cystinosis fibroblasts. <i>Pediatric Research</i> , 2006 , 59, 332-5	3.2	41
66	Glutathione: a redox signature in monitoring EPI-743 therapy in children with mitochondrial encephalomyopathies. <i>Molecular Genetics and Metabolism</i> , 2013 , 109, 208-14	3.7	40
65	Emodin prevents intrahepatic fat accumulation, inflammation and redox status imbalance during diet-induced hepatosteatosis in rats. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 2276-89	6.3	40
64	Tissue Factor and Homocysteine Levels in Ischemic Heart Disease Are Associated with Angiographically Documented Clinical Recurrences after Coronary Angioplasty. <i>Thrombosis and Haemostasis</i> , 2000 , 83, 826-832	7	38
63	Endo-lysosomal dysfunction in human proximal tubular epithelial cells deficient for lysosomal cystine transporter cystinosin. <i>PLoS ONE</i> , 2015 , 10, e0120998	3.7	36
62	Glutathione metabolism in cobalamin deficiency type C (cblC). <i>Journal of Inherited Metabolic Disease</i> , 2014 , 37, 125-9	5.4	35
61	Effects of levosimendan on mitochondrial function in patients with septic shock: a randomized trial. <i>Biochimie</i> , 2014 , 102, 166-73	4.6	35
60	Glutathione imbalance in patients with X-linked adrenoleukodystrophy. <i>Molecular Genetics and Metabolism</i> , 2013 , 109, 366-70	3.7	34

59	Cystinuria in children and young adults: success of monitoring free-cystine urine levels. <i>Pediatric Nephrology</i> , 2007 , 22, 1869-73	3.2	34
58	Effects of folic acid before and after vitamin B12 on plasma homocysteine concentrations in hemodialysis patients with known MTHFR genotypes. <i>Clinical Chemistry</i> , 2006 , 52, 145-8	5.5	33
57	Conformational states of human placental glutathione transferase as probed by limited proteolysis. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 194, 804-10	3.4	33
56	Altered mTOR signalling in nephropathic cystinosis. <i>Journal of Inherited Metabolic Disease</i> , 2016 , 39, 457-464	5.4	32
55	Brown-Vialetto-van Laere and Fazio-Londe overlap syndromes: a clinical, biochemical and genetic study. <i>Neuromuscular Disorders</i> , 2012 , 22, 1075-82	2.9	32
54	Erythrocyte glutathione transferase: a potential new biomarker in chronic kidney diseases which correlates with plasma homocysteine. <i>Amino Acids</i> , 2012 , 43, 347-54	3.5	32
53	Myosin as a potential redox-sensor: an in vitro study. <i>Journal of Muscle Research and Cell Motility</i> , 2008 , 29, 119-26	3.5	32
52	The proteome of cblC defect: in vivo elucidation of altered cellular pathways in humans. <i>Journal of Inherited Metabolic Disease</i> , 2015 , 38, 969-79	5.4	31
51	Homocysteine, cysteine, folate and vitamin B12 status in type 2 diabetic patients with chronic kidney disease. <i>Journal of Nephrology</i> , 2015 , 28, 571-6	4.8	31
50	Lack of association between carotid intima-media thickness and methylenetetrahydrofolate reductase gene polymorphism or serum homocysteine in non-insulin-dependent diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 718-23	12.7	29
49	Determination of superoxide dismutase and glutathione peroxidase activities in blood of healthy pediatric subjects. <i>Clinica Chimica Acta</i> , 2002 , 322, 117-20	6.2	28
48	Erythrocyte glutathione transferase activity: a possible early biomarker for blood toxicity in uremic diabetic patients. <i>Acta Diabetologica</i> , 2014 , 51, 219-24	3.9	27
47	Determination of glutathionyl-hemoglobin in human erythrocytes by cation-exchange high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 2003 , 312, 85-90	3.1	27
46	The use of muscle biopsy in the diagnosis of undefined ataxia with cerebellar atrophy in children. <i>European Journal of Paediatric Neurology</i> , 2012 , 16, 248-56	3.8	26
45	Modulation of CTNS gene expression by intracellular thiols. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 865-72	7.8	25
44	Role of GST P1-1 in mediating the effect of etoposide on human neuroblastoma cell line Sh-Sy5y. <i>Journal of Cellular Biochemistry</i> , 2002 , 86, 340-7	4.7	25
43	The fine-tuning of TRAF2-GSTP1-1 interaction: effect of ligand binding and in situ detection of the complex. <i>Cell Death and Disease</i> , 2014 , 5, e1015	9.8	24
42	Effect of protein glutathionylation on neuronal cytoskeleton: a potential link to neurodegeneration. <i>Neuroscience</i> , 2011 , 192, 285-94	3.9	24

41	Cystinosis (ctns) zebrafish mutant shows pronephric glomerular and tubular dysfunction. <i>Scientific Reports</i> , 2017 , 7, 42583	4.9	23
40	GSSG-mediated Complex I defect in isolated cardiac mitochondria. <i>International Journal of Molecular Medicine</i> , 2010 , 26, 95-9	4.4	23
39	Simultaneous determination of inulin and p-aminohippuric acid in plasma and urine by reversed-phase high-performance liquid chromatography. <i>Biomedical Applications</i> , 2001 , 751, 187-91		23
38	Characterization of a new trabectedin-resistant myxoid liposarcoma cell line that shows collateral sensitivity to methylating agents. <i>International Journal of Cancer</i> , 2012 , 131, 59-69	7.5	22
37	Serum homocysteine, methylenetetrahydrofolate reductase gene polymorphism and cardiovascular disease in heterozygous familial hypercholesterolemia. <i>Atherosclerosis</i> , 2005 , 179, 333-8	3.1	20
36	Creatine metabolism in urea cycle defects. <i>Journal of Inherited Metabolic Disease</i> , 2012 , 35, 647-53	5.4	19
35	Rapid determination of mycophenolic acid in plasma by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 776, 251-4	3.2	19
34	Frataxin silencing alters microtubule stability in motor neurons: implications for Friedreich's ataxia. <i>Human Molecular Genetics</i> , 2016 , 25, 4288-4301	5.6	18
33	Pyroglutamic aciduria and nephropathic cystinosis. <i>Journal of Inherited Metabolic Disease</i> , 1999 , 22, 224-6	5.4	18
32	All glutathione forms are depleted in blood of obese and type 1 diabetic children. <i>Pediatric Diabetes</i> , 2012 , 13, 272-7	3.6	17
31	Frataxin silencing inactivates mitochondrial Complex I in NSC34 motoneuronal cells and alters glutathione homeostasis. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 5789-806	6.3	17
30	High performance liquid chromatographic determination of plasma free and total tazobactam and piperacillin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 86-8	3.2	17
29	Glutathione S-transferase P1-1 as a target for mesothelioma treatment. <i>Cancer Science</i> , 2013 , 104, 223-30	3.9	16
28	Susceptibility of isolated myofibrils to in vitro glutathionylation: Potential relevance to muscle functions. <i>Cytoskeleton</i> , 2010 , 67, 81-9	2.4	16
27	Glutathionylation of p65NF-kappaB correlates with proliferating/apoptotic hepatoma cells exposed to pro- and anti-oxidants. <i>International Journal of Molecular Medicine</i> , 2009 , 24, 319-26	4.4	16
26	Simultaneous determination of ubiquinol and ubiquinone in skeletal muscle of pediatric patients. <i>Analytical Biochemistry</i> , 2005 , 342, 352-5	3.1	15
25	Redox homeostasis and posttranslational modifications/activity of phosphatase and tensin homolog in hepatocytes from rats with diet-induced hepatosteatosis. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 169-78	6.3	13
24	Long-term renal function in heart transplant children on cyclosporine treatment. <i>Pediatric Nephrology</i> , 2006 , 21, 561-5	3.2	13

23	Optimizing the dose of hydroxocobalamin in cobalamin C (cblC) defect. <i>Molecular Genetics and Metabolism</i> , 2013 , 109, 329-30	3.7	9
22	Serum homocysteine, MTHFR gene polymorphism, and carotid intimal-medial thickness in NIDDM subjects. <i>Journal of Thrombosis and Thrombolysis</i> , 1999 , 8, 207-12	5.1	9
21	Intrinsic Bone Defects in Cystinotic Mice. <i>American Journal of Pathology</i> , 2019 , 189, 1053-1064	5.8	8
20	Influence of dialysis techniques and alternate vitamin supplementation on homocysteine levels in patients with known MTHFR genotypes. <i>Clinical and Experimental Nephrology</i> , 2015 , 19, 140-5	2.5	7
19	High concentrations of H ₂ O ₂ trigger hypertrophic cascade and phosphatase and tensin homologue (PTEN) glutathionylation in H9c2 cardiomyocytes. <i>Experimental and Molecular Pathology</i> , 2016 , 100, 199-206	4.4	6
18	Protein glutathionylation in cellular compartments: a constitutive redox signal. <i>Redox Report</i> , 2012 , 17, 63-71	5.9	6
17	Selective adsorption of homocysteine using an HFR-ON LINE technique. <i>Artificial Organs</i> , 2004 , 28, 592-52.6	5.6	6
16	Evaluation of carbohydrate-cysteamine thiazolidines as pro-drugs for the treatment of cystinosis. <i>Carbohydrate Research</i> , 2017 , 439, 9-15	2.9	5
15	Gender-related effects on urine L-cystine metastability. <i>Amino Acids</i> , 2014 , 46, 415-27	3.5	5
14	Cystinosin-LKG rescues cystine accumulation and decreases apoptosis rate in cystinotic proximal tubular epithelial cells. <i>Pediatric Research</i> , 2017 , 81, 113-119	3.2	5
13	Systemic Redox Biomarkers in Neurodegenerative Diseases. <i>Current Drug Metabolism</i> , 2015 , 16, 46-70	3.5	5
12	Reverse-phase high-performance liquid chromatography for the simultaneous determination of sildenafil and N-desmethyl sildenafil in plasma of children. <i>Biomedical Chromatography</i> , 2016 , 30, 2070-2073	1.7	5
11	Pitfalls in the quantitative imaging of glutathione in living cells. <i>Nature Communications</i> , 2018 , 9, 1588	17.4	4
10	Transcriptional and posttranscriptional regulation of the CTNS gene. <i>Pediatric Research</i> , 2011 , 70, 130-5	3.2	4
9	Semiautomated Method for Determination of Cystine Concentration in Polymorphonuclear Leukocytes. <i>Clinical Chemistry</i> , 2000 , 46, 560-576	5.5	4
8	Detection of iron deficiency in children with Down syndrome. <i>Genetics in Medicine</i> , 2020 , 22, 317-325	8.1	4
7	Pediatric reference intervals for muscle coenzyme Q(10). <i>Biomarkers</i> , 2012 , 17, 764-6	2.6	2
6	Purification and characterization of a novel alpha-class glutathione transferase from human liver. <i>International Journal of Biochemistry and Cell Biology</i> , 1998 , 30, 1235-43	5.6	2

5	Renal hemodynamic effect of tacrolimus in renal transplanted children. <i>Pediatric Nephrology</i> , 2001 , 16, 773-6	3.2	2
4	Studying nonobstructive azoospermia in cystinosis: histologic examination of testes and epididymis and sperm analysis in a <i>Cttns^{+/+}</i> mouse model. <i>Fertility and Sterility</i> , 2012 , 98, 162-5	4.8	1
3	Changes in Total Homocysteine and Glutathione Levels After Laparoscopic Sleeve Gastrectomy in Children with Metabolic-Associated Fatty Liver Disease. <i>Obesity Surgery</i> , 2021 , 1	3.7	1
2	Drastic reduction of piperacillin-tazobactam concentrations in an in-vitro model of continuous venovenous hemofiltration: proposal of an innovative modality of administration to maintain them at constant concentration. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2013 , 11, 187-93	1.9	
1	Response to Zhang et al. <i>Genetics in Medicine</i> , 2020 , 22, 662	8.1	